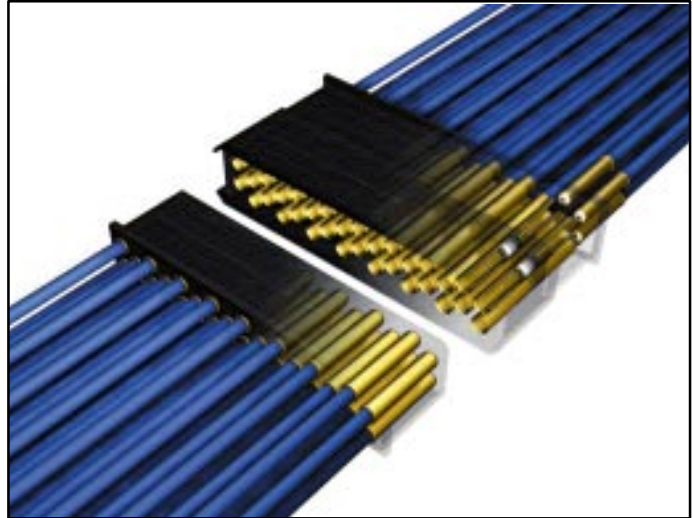


Micro Coaxial Cable Assembly

Interconnect Solutions Technical Specification
<http://www.3M.com/interconnects/>



Date Modified: March 31, 2000

TS-0969-06
 Sheet 1 of 2

Physical

Coaxial Connector (female wiremount)

Connector Contact

Material: Copper Alloy
 Plating: 30 μ " (0.76 μ m) Avg. Gold

Connector Shield

Material: Copper Alloy
 Plating: 30 μ " (0.76 μ m) Avg. Gold

Connector Insulator: Fluoropolymer

Coaxial Coupler (male to male feedthrough)

Coupler Contact

Material: Copper Alloy
 Plating: 30 μ " (0.76 μ m) Avg. Gold

Coupler Shield

Material: Copper Alloy
 Plating: 30 μ " (0.76 μ m) Avg. Gold

Coupler Insulator: Liquid Crystal Polymer (LCP)

Electrical

Voltage Rating: 30 V

Insulation Resistance: $>5 \times 10^8 \Omega$

Characteristic Impedance: 50 Ω nominal

Environmental

Temperature Rating: -40°C to +105°C

Mechanical

Connector Insertion/Withdrawal Force: 0.5 lbs nominal/coaxial connector (2.2 N)

Coaxial Cable Bend Radius: 3/8" minimum

Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

Warranty; Limited Remedy; Limited Liability

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